

CLAIMS

1. A material for producing antistatic polyurethane elastic fiber, said material being the mixture (of which  
5 total is 100 parts by weight) of 5 to 95 parts by weight of at least one salt selected from the group consisting of sulfonates having  $C_{8-30}$  hydrocarbon chain, sulfates having  $C_{8-30}$  hydrocarbon chain and phosphates having  $C_{8-50}$  hydrocarbon chain, and 95 to 5 parts by weight of a  
10 starting material for producing polyurethane elastic fiber other than organic isocyanate.

2. A material in Claim 1, wherein the starting material for producing polyurethane elastic fiber is  
15 selected from the group consisting of long-chain glycol for producing polyurethane, spinning solvent, and lubricants.

3. A material in Claim 1, wherein the long-chain  
20 glycol for producing polyurethane elastic fiber is polytetramethylene glycol or polyesterdiol.

4. A material in Claim 1, wherein the spinning solvent is N,N-dimethyl-formamide or N,N-dimethylacetamide.  
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5. A material in Claim 1, wherein the lubricants are bisamides or modified silicones.

6. A material in Claim 1, wherein the said salts  
30 contain 0.5 weight percent or less of inorganic salts.

7. (after amendment) An antistatic polyurethane elastic fiber containing 0.1 to 10 weight percent of at least one salt selected from the group consisting of

sulfonates having  $C_{8-30}$  hydrocarbon chain, sulfates having  $C_{8-30}$  hydrocarbon chain and phosphates having  $C_{8-50}$  hydrocarbon chain (in which 0.5 weight percent or less of inorganic salts to the weight of the metal salts are contained), and 0.1 to 10 weight percent of the lubricants, and having a tenacity of 1 g/de or more and an elongation of 400 % or more.